

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: POPPLEWELL, et al

Serial No. : 10/718,240

Art Unit: 1617

Filed

: November 20, 2003

Examiner: TO BE DETERMINED

For

: ENCAPSULATED MATERIALS

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop DD, Commissioner for Patents,
P.O. Box 1450, Alexandria, VA 22313-1450 on

May , 2004 · (Date of Deposit)

JOSEPH F. LEIGHTNER
(Name of applicant, assignee, or Registered Representative)

May / , 2004

(Date of Signature)

Mail Stop DD Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Pursuant to 37 C.F.R. §1.56 and in accordance with 37 C.F.R. §§1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 C.F.R. §1.56(b).

☐ In accordance with §1.97(b), since this Information
Disclosure Statement is being filed either within three months
of the filing date of the above-identified application, within
three months of the date of entry into the national stage of the

the mailing date of a first Office Action on the merits of the above-identified application, no additional fee is required. In accordance with §1.129(a), this Information Disclosure Statement is being filed in connection with [] the first or second After Final Submission, therefore: Certification in Accordance with §1.97(e) is set forth below; or \Box Please charge Deposit Account No. 10-0750/ the fee of \$240.00 as set forth in §1.17(p). In accordance with §1.97(c), this Information Disclosure Statement is being filed after the period set forth in §1.97(b) above but before the mailing date of either a Final Action under §1.113 or a Notice of Allowance under §1.311, therefore: Certification in Accordance with §1.97(e) is set forth below; or Please charge Deposit Account No. 10-0750/ the fee of \$240.00 as set forth in §1.17(p). In accordance with §1.97(d), this Information Disclosure Statement is being filed after the mailing date of either a Final Action under §1.113 or a Notice of Allowance under §1.311 but before the payment of the Issue Fee. Applicant(s) hereby petition(s) for consideration of this Information Disclosure Statement. Included are: Certification in Accordance with §1.97(e) as set forth below and the fee of \$130.00 as set forth in $\S1.17(i)(1)$.

above identified application as set forth in §1.491, or before

| Copies of each of the references listed on the attached Form PTO-1449 with the exception of U.S. Patents and/or Patent Applications are enclosed herewith. Applicants respectfully submit that these references are not required inasmuch as this application is filed after June 30, 2003. Copies of references listed on the attached Form PTO-1449 are enclosed herewith EXCEPT THAT: | |
|---|--|
| <pre>In view of the voluminous nature of references [list as appropriate], and the likelihood that these references are available to the Examiner, copies are not enclosed herewith.</pre> | |
| In accordance with §1.98(d), copies of the following references listed on the attached Form PTO-1449 are not enclosed herewith because they were previously cited by or submitted to the U.S. Patent and Trademark Office in patent application(s) for which a claim for priority under 35 U.S.C. §120 have been made in the instant application: | |
| Copies of references [list as appropriate] listed on the attached Form PTO-1449 were previously cited by or submitted to the Patent and Trademark Office in prior application Serial No. , filed . | |
| If any of the foregoing publications are not available to the Examiner, Applicant will endeavor to supply copies at the Examiner's request. | |

| | | The | releva | ance | of | tho | se | listed | ref | erer | nces | whic | ch | are | not |
|--------|------|------|--------|------|----------|-----|-----|--------|------|------|------|------|----|-----|-----|
| in the | Eng | lish | langu | ıage | is | as | fol | lows: | | | | | | | |
| _ | _ | \ | | | . | | | _ | | | | | | | |
| L | ل | Ther | e are | no | list | ted | rei | erence | s wh | nich | are | not | in | the | € |
| Englis | h la | ngua | .ge. | | | | | | | | | | | | |

Please charge any deficiency or credit any overpayment to Deposit Account No. 12-1295. This form is submitted in triplicate.

Respectfully submitted,

JOSEPH F. LEIGHTNER

Reg. No. 34,209

Attorney for Applicants

INTERNATIONAL FLAVORS & FRAGRANCES INC. 521 West 57th Street
Law Department - 10th Floor
New York, New York 10019

Telephone: (212) 708-7103

FAX: (212) 708-7253

joseph.leightner@iff.com

Date: May (, 2004

Serial No.

| , | • | | | | | |
|------|----------|------|------|-----|-------|---------|
| Form | PTO-1449 | | | | | |
| I | NFORMAI | CION | DIS | CLO | SURE | CITATIO |
| | 3 | IN A | N AI | PLI | CATIO | N |
| | 10 F | | | | | |

| LOSURE CITATION | IFF-56 | 10/718,240 |
|-----------------|-------------------|----------------|
| | Applicant | |
| | POPPLEWELL, et al | |
| | Filing Date | Group Art Unit |
| | 11/20/03 | 1617 |

Docket No.

U.S. PATENT DOCUMENTS

| Exam'r Init. | Document No. | Date | Name | Class | Sub Class | File Date |
|-----------------|--------------|----------|----------------|-------|--------------|-----------|
| *** | 2,800,457 | 7/23/57 | Green, et al | | | |
| | 3,041,288 | 6/26/62 | Anthony | | | |
| | 3,415,758 | 12/10/68 | Powell, et al | | | |
| | 3,505,432 | 1/28/66 | Neuwald | | | |
| | 3,516,846 | 6/23/70 | Matson | | | |
| | 3,516,941 | 6/23/70 | Matson | | | |
| | 3,686,025 | 8/22/72 | Morton | | | |
| | 3,861,870 | 1/21/75 | Edwards, et al | | | |
| | 3,870,542 | 3/11/75 | Ida, et al | | | |

FOREIGN PATENT DOCUMENTS

| Exam'r Init. | Document No. | Date | Country | Class | Sub Class | Trans (selec Yes | |
|-----------------|--------------|----------|---------|-------|--------------|------------------------|---|
| | 0 327 927 | 1/31/89 | Europe | | | | |
| | 0 376 385 | 12/29/89 | Europe | | | | |
| | 0 672 409 | 5/21/97 | Europe | | | | х |
| | 0 737 183 | 9/26/01 | Europe | | | | |
| | 1 061 124 | 12/20/00 | Europe | | | | |
| | 95/18096 | 7/6/95 | PCT | | | | |

OTHER REFERENCES (include author, title, date, pertinent pages, etc.)

| Lochhead, et al, Encyclopedia of Polymers and Thickeners for Cosmetics, Cosmetics & Toiletries, Vol. 108, May 1993, pp. 95-138 |
|---|
| Kashikl, On a New Type of Flocculant, Ind.Eng.Chem.Fundam., 1986, 25, pp. 120-125 |
| Wurzburg, et al, Modified Starches:Properties and Uses, CRC Press, Inc., Chapter 3-Cross- Linked Starches, Chapter 8-Cationic Starches and Chapter 10-Grafted Starches |
| Barton, CRC Handbook of Polymer-Liquid Interaction Parameters and Solubility Parameters, CRC Press, Part I, Introduction |
| Gmehling, et al, Vapor-Liquid Equilibria by UNIFAC Group Contribution.Revision and Extension.2, Ind.Eng.Chem.Process Des.Dev., 1982, 21, pp. 118-127 |
| Jacobson, Molecular Modeling Studies of Polymeric Transdermal Adhesives:Structure and Transport Mechanisms, Pharmaceutical Technology, September, 1999, pp. 120- |

| Examiner: | | | Date Considered | | |
|-----------|---------------------------------|-----------------------|--------------------------|------------------------|------------------|
| | | | | | |
| Examiner: | Initial if citation considered, | whether or not citati | on is in confirmance wit | h MPEP §609; Draw line | through citation |

| Form PTO-1449 | | |
|---------------|--------------|----------|
| INFORMATION | DISCLOSURE | CITATION |
| IN A | N APPLICATIO | ON |
| | | |

| Docket No. | Serial No. |
|------------------|----------------|
| IFF-56 | 10/718,240 |
| Applicant | |
| POPPLEWELL, et a | |
| Filing Date | Group Art Unit |
| 11/20/03 | 1617 |



| Exam'r Init. | Document No. | Date | Name | Class | Sub Class | File Date |
|-----------------|--------------|----------|---------------|-------|--------------|-----------|
| | 4,081,384 | 3/28/78 | Pracht | | | |
| | 4,082,223 | 4/4/78 | · Nozawa | | | |
| | 4,124,521 | 11/7/78 | Jedzinak | | | |
| | 4,145,184 | 3/20/79 | Brain, et al | | | |
| | 4,209,417 | 1/24/80 | Whyte | | | |
| | 4,234,627 | 11/18/80 | Schilling | | | |
| | 4,247,498 | 1/27/81 | Castro | | | |
| | 4,318,818 | 3/9/82 | Letton, et al | | | |
| | 4,387,090 | 6/7/83 | Bolich, Jr. | | | |

FOREIGN PATENT DOCUMENTS

| Exam'r Init. | Document No. | Date | Country | Class | Sub Class | Translate (select one Yes No | ∍) |
|-----------------|--------------|---------|---------|-------|--------------|------------------------------------|-----|
| | 97/12022 | 4/3/97 | PCT | | | | |
| | 97/12027 | 4/3/97 | PCT | | | | |
| | 01/05358 | 1/25/01 | PCT | | | х | 0.0 |
| | 01/40430 | 6/7/01 | PCT | | | | |
| | 01/49817 | 7/7/01 | PCT | | | x | |
| | 01/62376 | 8/30/01 | PCT | | | x | |

OTHER REFERENCES (include author, title, date, pertinent pages, etc.)

| | Lee, et al, Microencapsulation of Fragrant Oil via in situ polymerization of pH and melamine-formaldehyde molar ratio, J.Microencapsulation, 2002, Vol. 19, No. 5, pp. 559-569 |
|--|--|
| | |
| | |
| | |

| Examiner: | Date Considered |
|-----------|-----------------|
| | |
| | |

| Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION | Docket No. Serial No. 1FF-56 10/718,240 | | | | |
|---|---|----------------|--|--|--|
| | Applicant POPPLEWELL, et al | | | | |
| | Filing Date 11/20/03 | Group Art Unit | | | |

| Exam'r Init. | Document No. | Date | Name | Class | Sub Class | File Date |
|-----------------|--------------|---------|-------------------|-------|--------------|-----------|
| | 4,395,541 | 7/26/83 | Jacquet, et al | | | |
| | 4,402,856 | 9/6/83 | Schnoring, et al | | | |
| | 4,424,134 | 1/3/84 | Sissin, et al | | | |
| | 4,428,869 | 1/31/84 | Munteanu, et al | | | |
| | 4,446,032 | 5/1/84 | Munteanu, et al | | | |
| | 4,446,042 | 5/1/84 | Leslie | | | |
| Či. | 4,514,461 | 4/30/85 | Woo | | V II | |
| | 4,515,705 | 5/7/85 | Moeddel | | | |
| | 4,521,541 | 6/4/85 | Rutherford, et al | | | |

FOREIGN PATENT DOCUMENTS

| Exam'r Init. | Document No. | Date | Country | Class | Sub Class | Translate (select one) Yes No |
|-----------------|--------------|----------|---------|-------|--------------|-------------------------------------|
| | 02/074430 | 9/26/02 | PCT | | | |
| | 02/085420 | 10/31/02 | PCT | | | |
| | 02/34225 | 5/2/02 | PCT | | | |
| | 02/34226 | 5/2/02 | PCT | | | |
| | 03/002699 | 1/9/03 | PCT | | | |

OTHER REFERENCES (include author, title, date, pertinent pages, etc.)

| Examiner: | Date Considered |
|-----------|-----------------|
| | |
| | |

| Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION | | | | Docket No. | - | Serial | heet 4 of 2 No. .8,240 |
|---|--------------|---------|---------------------|-------------|-------|----------------|------------------------------|
| ŀ | | | Applicant POPPLEWEL | L, et al | - | 7-1-11- | |
| | | | | Filing Date | | Group Art Unit | |
| | | _ | 11/20/03 | | 1617 | | |
| | | | U.S. PATEN | T DOCUMENTS | | | |
| Exam'r Init. | Document No. | Date | | Name | Class | Sub Class | File Date |
| | 4 534 901 | 0/13/05 | Podon ot al | | | | 1 |

| Exam'r Init. | Document No. | Date | Name | Class | Sub Class | File Date |
|-----------------|--------------|----------|---------------------|-------|--------------|-----------|
| | 4,534,891 | 8/13/85 | Boden, et al | | | |
| | 4,537,706 | 8/27/85 | Severson, Jr. | | | |
| | 4,537,707 | 8/27/85 | Severson, Jr. | | | |
| | 4,539,135 | 9/3/85 | Ramachandran, et al | | | |
| | 4,550,862 | 11/5/85 | Barker, et al | | | |
| | 4,561,998 | 12/31/85 | Wertz, et al | | | |
| | 4,597,898 | 7/1/86 | Vander Meer | | | |
| | 4,597,962 | 7/1/86 | Grollier, et al | | | |
| | 4,673,568 | 6/16/87 | Grollier, et al | | | |

| Exam'r Init. | Document No. | . Date | Country | Class | Sub Class | Translate (select one) Yes No |
|-----------------|--------------|--------|---------|-------|--------------|-------------------------------------|
| | | | | | | |
| | | | | | | |
| | | | | | | |

OTHER REFERENCES (include author, title, date, pertinent pages, etc.)

| Examiner: | Date Considered |
|-----------|-----------------|
| | |
| | |

| Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION | Docket No. IFF-56 Applicant POPPLEWELL, et al | | | |
|---|---|----------------|--|--|
| | | | | |
| | Filing Date | Group Art Unit | | |
| | 11/20/03 | 1617 | | |

| Exam'r Init. | Document No. | Date | Name | Class | Sub Class | File Date |
|-----------------|--------------|----------|------------------|-------|--------------|-----------|
| | 4,681,806 | 7/21/87 | Matkan, et al | | | |
| | 4,705,681 | 11/10/87 | Maes, et al | | | |
| | 4,714,562 | 12/22/87 | Roselle, et al | | | |
| | 4,731,243 | 3/15/88 | Lindauer, et al | | | |
| | 4,767,547 | 8/30/88 | Straathof, et al | | | - |
| | 4,819,835 | 4/11/89 | Tasaki | | | |
| | 4,830,855 | 5/16/89 | Stewart | | | A) A |
| | 4,917,920 | 4/17/90 | Ono, et al | | | |
| | 4,961,871 | 10/9/90 | Michael | | | |

FOREIGN PATENT DOCUMENTS

| Exam'r Init. | Document No. | Date | Country | | Sub Class | Translate (select one) Yes No |
|-----------------|--------------|------|---------|--|--------------|-------------------------------------|
| | | | | | | |
| | | | | | | |
| | | | | | | |

OTHER REFERENCES (include author, title, date, pertinent pages, etc.)

| Examiner: | Date Considered |
|-----------|-----------------|
| | |

| Form PTO- | 1449 PRMATION DISC IN AN APP | | TATION | Docket No. IFF-56 | | Serial | heet 6 of 2 No. L8,240 |
|-----------------|------------------------------------|----------|----------------|-----------------------------|-------|--------------|------------------------------|
| | | | | Applicant POPPLEWELL, et al | | | |
| | | | | Filing Date | | Group A | rt Unit |
| | | | | 11/20/03 | | 1617 | |
| | | | U.S. PATEN | r documents | | | |
| Exam'r Init. | Document No. | Date | | Name | Class | Sub Class | File Date |
| | 4,968,451 | 11/6/90 | Scheibel, et a | al . | | | |
| | 4,973,422 | 11/27/90 | Schmidt | | | | |
| | 5,066,419 | 11/19/91 | Walley, et al | | | | |
| | 5,085,857 | 2/4/92 | Reid, et al | | | | |

5,112,688

5,137,646

5,154,842

5,160,655

5,169,552

5/12/92

8/11/92

10/13/92

11/3/92

12/8/92

Michael

Wise

Schmidt, et al

Walley, et al

Donker, et al

| Exam'r Init. | Document No. | Date | Country | Class | Sub Class | Translate (select one) Yes No |
|-----------------|--------------|------|---------|-------|--------------|-------------------------------------|
| | | | | | | |
| | 7 | | | = 1 | | |
| | | | | | | |

OTHER REFERENCES (include author, title, date, pertinent pages, etc.)

| Examiner: | Date Considered |
|-----------|-----------------|
| | |

| | Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION | | | Docket No. | | Serial I | heet 7 of 2 No. .8,240 |
|-----------------|---|----------|-----------------------------|-------------|-------|--------------|------------------------------|
| | IN AN AFF | | Applicant POPPLEWELL, et al | | | | |
| | | | | Filing Date | | Group A | rt Unit |
| | | 11/20/03 | | 1617 | | | |
| | | | U.S. PATENT | DOCUMENTS | | | |
| Exam'r Init. | Document No. | Date | | Name | Class | Sub Class | File Date |
| Ì | 5,188,753 | 2/23/93 | Schmidt, et al | | | | |
| | 5,194,639 | 3/16/93 | Connor, et al | | | | |
| | 5,232,769 | 8/3/93 | Yamato, et al | | | | |
| | 5,237,035 | 8/17/93 | O'Lenick, Jr., | et al | | | |
| | 5,275,755 | 1/4/94 | Sebag, et al | | | | |
| | 5,288,417 | 2/22/94 | Bauer, et al | | | | |

Huber, et al

Kiefer, et al

Bauer, et al

5,288,431

5,403,499

5,411,671

2/22/94

4/4/95

5/2/95

| Exam'r Init. | Document No. | Date | Country | Class | Sub Class | Translate (select one Yes No | e) |
|-----------------|--------------|------|-----------------------------|-------|--------------|------------------------------------|----|
| | | | 75.4017045.5400.0075.1.4.4. | | | | |
| | | | | | | | |
| | | | | | | | |

OTHER REFERENCES (include author, title, date, pertinent pages, etc.)

| | - | | |
|--|---|-----|------|
| | | ti. | |
| | - | | |
| | | | |
| | | | |

| Examiner: | Date Considered |
|-----------|-----------------|
| | |

| | | <u> </u> |
|---|------------------|----------------|
| Form PTO-1449 | Docket No. | Serial No. |
| INFORMATION DISCLOSURE CITATION IN AN APPLICATION | IFF-56 | 10/718,240 |
| | Applicant | |
| • | POPPLEWELL, et a | al |
| | Filing Date | Group Art Unit |
| | 11/20/03 | 1617 |
| H.C. DATE | ET DOCTIMENTS | |

| Exam'r Init. | Document No. | Date | Name | Class | Sub Class | File Date |
|-----------------|--------------|----------|-------------------|-------|--------------|-----------|
| | 5,458,809 | 10/17/95 | Fredj, et al | | | |
| | 5,458,810 | 10/17/95 | Fredj, et al | | | |
| | 5,460,752 | 10/24/95 | Fredj, et al | | | |
| | 5,466,802 | 11/14/95 | Panandiker, et al | | | |
| | 5,470,507 | 11/18/95 | Fredj, et al | | | |
| - | 5,500,138 | 3/19/96 | Bacon, et al | | | |
| | 5,534,197 | 7/9/96 | Scheibel, et al | | | |
| | 5,540,853 | 7/30/96 | Trinh, et al | | | |
| | 5,545,340 | 8/13/96 | Wahl, et al | | | |

| Exam'r Init. | Document No. | Date | Country | Class | Sub Class | Translate (select one) Yes No |
|-----------------|--------------|------|---------|-------|--------------|-------------------------------------|
| | | | | | | |
| | | | | | | |
| | | | | | | |

OTHER REFERENCES (include author, title, date, pertinent pages, etc.)

| N . | | |
|-----|--|--|
| | | |

| Examiner: | Date Considered |
|---|-----------------|
| 200000000000000000000000000000000000000 | 24.5 |
| | |
| | |
| | |

| | | | | | | S | heet 9 of | 20 |
|---|--------------|---------|---------------|-------------|------------|--------------|-----------|----|
| Form PTO- | 1449 | | | Docket No. | | Serial | No. | |
| INFORMATION DISCLOSURE CITATION IN AN APPLICATION | | TATION | IFF-56 | | 10/718,240 | | | |
| | | | | Applicant | | • | | |
| | | | | POPPLEWELL | , et al | | | |
| | | | | Filing Date | | Group A | rt Unit | |
| | | | | 11/20/03 | | 1617 | | |
| | | | U.S. PATENT E | OCUMENTS | | | | |
| Exam'r Init. | Document No. | Date | и | ame | Class | Sub Class | File Date | |
| | 5,545,350 | 8/13/96 | Baker, et al | | | | | |
| | 5 559 261 | 9/24/96 | Sivik | | | | | |

| Exam'r Init. | Document No. | Date | Name | Class | Sub Class | File Date |
|-----------------|--------------|----------|----------------|-------|--------------|-----------|
| | 5,545,350 | 8/13/96 | Baker, et al | | | |
| | 5,559,261 | 9/24/96 | Sivik | | | |
| | 5,562,849 | 10/8/96 | Wahl, et al | | | |
| | 5,565,145 | 10/15/96 | Watson, et al | | | |
| | 5,574,179 | 11/12/96 | Wahl, et al | | | |
| 'n | 5,581,005 | 12/3/96 | Perkins | | | |
| | 5,597,936 | 1/28/97 | Perkins, et al | | | |
| | | | | | | |

Zysman, et al

Cauwet, et al

5,618,523

5,661,118

4/8/97

8/26/97

| Exam'r Init. | Document No. | Date | Country | Class | Sub Class | Translate (select one) Yes No |
|-----------------|--------------|------|---------|-------|--------------|-------------------------------------|
| | | | | | | |
| | | | | | | |
| | | | | | | |

OTHER REFERENCES (include author, title, date, pertinent pages, etc.)

| - | |
|---|--|
| | |
| | |

| Examiner: | Date Considered |
|-----------|-----------------|
| | |
| | |

| Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION | Docket No. Serial No. 1FF-56 10/718,240 | | | |
|---|---|----------------|--|--|
| | Applicant POPPLEWELL, et al | | | |
| | Filing Date | Group Art Unit | | |
| | 11/20/03 | 1617 | | |

| Exam'r Init. | Document No. | Date | Name | Class | Sub Class | File Date |
|-----------------|--------------|----------|------------------|-------|--------------|-----------|
| | 5,665,822 | 9/9/97 | Bitler, et al | | | |
| | 5,674,832 | 10/7/97 | Keys | | | |
| | 5,679,630 | 10/21/97 | Baeck, et al | | | |
| | 5,703,030 | 12/30/97 | Perkins, et al | | | |
| | 5,703,034 | 12/20/97 | Offschack, et al | | | |
| | 5,705,464 | 1/6/98 | Scheper, et al | | | |
| | 5,726,144 | 3/10/98 | Dewez, et al | 1 | | |
| | 5,731,278 | 3/24/98 | Nair, et al | | | |
| | 5,756,436 | 5/26/98 | Royce, et al | | | |

FOREIGN PATENT DOCUMENTS

| Exam'r Init. | Document No. | Date | Country | Class | Sub Class | Translate (select one) Yes No |
|-----------------|--------------|------|---------|-------|--------------|-------------------------------------|
| | | | - | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

OTHER REFERENCES (include author, title, date, pertinent pages, etc.)

| Examiner: | Date Considered |
|-----------|-----------------|
| | |
| | |

| | | | | | | Sh | eet 11 of | |
|-----------------|----------------------------|----------|---------------|-------------|-------------|--------------|----------------|--|
| Form PTO- | 1449 | | | Docket No. | | Serial | No. | |
| | RMATION DISC IN AN APP | IFF-56 | | 10/7 | 10/718,240 | | | |
| | | | | Applicant | | | | |
| | | | | POPPLEWE | LL, et al | L | | |
| | | | | Filing Date | Filing Date | | Group Art Unit | |
| | | | | 11/20/03 | | 1617 | | |
| | | | U.S. PATEN | T DOCUMENTS | | | | |
| Exam'r Init. | Document No. | Date | | Name | Class | Sub Class | File Date | |
| | 5,759,990 | 6/2/98 | Wahl, et al | | | | | |
| | 5,776,443 | 7/7/98 | Vinski, et al | | | | | |
| | 5,776,883 7/7/98 Vasudevan | | | | | | | |
| | 5,783,302 | 7/21/98 | Bitler, et al | | | | | |
| | 5,837,661 | 11/17/98 | Evans, et al | | | | | |
| | 5,849,313 | 12/15/98 | Fost, et al | | | | | |

Wahl, et al

DeNome, et al

Painter

5,877,145

5,902,781

5,914,307

3/2/99

5/11/99

6/22/99

| Exam'r Init. | Document No. | Date | Country | Class | Sub Class | Translate (select one) Yes No |
|-----------------|--------------|------|---------|-------|--------------|-------------------------------------|
| | | | | | | |
| | | | | | | |
| | | | | | | |

OTHER REFERENCES (include author, title, date, pertinent pages, etc.)

| Examiner: | Date Considered |
|-----------|-----------------|
| | |

| Form PTO-1449 | Docket No. | Serial No. | | |
|---|-------------------|----------------|--|--|
| INFORMATION DISCLOSURE CITATION IN AN APPLICATION | IFF-56 | 10/718,240 | | |
| | Applicant | | | |
| | POPPLEWELL, et al | | | |
| | Filing Date | Group Art Unit | | |
| | 11/20/03 | 1617 | | |

| Exam'r Init. | Document No. | Date | Name | Class | Sub Class | File Date |
|-----------------|--------------|----------|---------------------|-------|--------------|-----------|
| | 5,916,862 | 6/29/99 | Morelli, et al | | | |
| | 5,929,022 | 7/27/99 | Velazquez | | | |
| | 5,932,203 | 8/3/99 | Coffindaffer, et al | | | |
| | 5,935,561 | 8/10/99 | Inman, et al | | | |
| | 5,939,373 | 8/27/99 | Haeggberg, et al | | | |
| 7 | 5,962,386 | 10/5/99 | Scheper, et al | | | |
| | 5,968,286 | 10/19/99 | Crudele, et al | | | |
| | 5,968,404 | 10/19/99 | Trinh, et al | | | : |
| | 5,968,881 | 10/19/99 | Haeggberg, et al | | | |

FOREIGN PATENT DOCUMENTS

| Exam'r Init. | Document No. | Date | Country | Class | Sub Class | Trans (select Yes | |
|-----------------|--------------|------|---------|-------|--------------|-------------------------|--|
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

OTHER REFERENCES (include author, title, date, pertinent pages, etc.)

| | |
|------|--|

| Examiner: | Date Considered |
|-----------|-----------------|
| | |

| | | | | | | | eet 13 of |
|-----------------|---------------------------|----------|---------------|-------------|----------|--------------|-----------|
| Form PTO- | 1449 | | | IFF-56 | | Serial | No. |
| INFO | RMATION DISC IN AN APP | | TATION | | | 10/718,240 | |
| | | | | Applicant | | | |
| | | | | POPPLEWEL | L, et al | L | |
| | | | | Filing Date | | Group A | Art Unit |
| | | | | 11/20/03 | | 1617 | |
| | | | U.S. PATENT | DOCUMENTS | | | |
| Exam'r Init. | Document No. | Date | 1 | Jame | Class | Sub Class | File Date |
| | 5,990,065 | 11/23/99 | Vinson, et al | | | | |
| | 6,001,343 | 12/14/99 | Trinh, et al | | | | |
| | 6,017,871 | 1/25/00 | Baeck, et al | | | | |
| | 6,020,294 | 2/1/00 | Getty, et al | | | | |
| | 6,024,943 | 2/15/00 | Ness, et al | | | | |

Utecht, et al

Vinson, et al

Soper, et al

Stambaugh

5/2/00

5/30/00

6/6/00

8/22/00

6,057,404

6,071,122

6,071,569

6,106,875

| Exam'r Init. | Document No. | Date | Country | Class | Sub Class | Trans (select Yes | |
|-----------------|--------------|------|---------|-------|--------------|-------------------------|--|
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

OTHER REFERENCES (include author, title, date, pertinent pages, etc.)

| · | · |
|---|---|
| | |
| | |
| | |

| Examiner: | Date Considered |
|-----------|-----------------|
| | |
| | |
| | <u></u> |

| Pares PRO 1440 | Docket No. | Serial No. | | | |
|---|-------------------|----------------|--|--|--|
| FORM PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION | IFF-56 | 10/718,240 | | | |
| | Applicant | | | | |
| | POPPLEWELL, et al | | | | |
| | Filing Date | Group Art Unit | | | |
| | 11/20/03 | 1617 | | | |

| Exam'r Init. | Document No. | Date | Name | Class | Sub Class | File Date |
|-----------------|--------------|----------|-------------------|-------|--------------|-----------|
| | 6,113,935 | 9/5/00 | Rodson, et al | | | |
| | 6,133,226 | 10/17/00 | Knowlton, et al | | | |
| | 6,146,621 | 11/14/00 | Trinh, et al | | | |
| | 6,162,423 | 12/19/00 | Sebag, et al | | | |
| | 6,180,594 | 1/30/01 | Fender, et al | | | |
| | 6,190,678 | 2/20/01 | Hasenoehrl, et al | | | |
| | 6,194,375 | 2/27/01 | Ness, et al | | | |
| | 6,200,554 | 3/13/01 | Yeoh, et al | - | | |
| | 6,221,826 | 4/24/01 | Surutzidis, et al | | | |

| Exam'r Init. | Document No. | Date | Country | Class | Sub Class | Translate (select one) Yes No |
|-----------------|--------------|------|---------|-------|--------------|-------------------------------------|
| | | | | | | |
| | | 1) | | | | |
| | | | | | | |

OTHER REFERENCES (include author, title, date, pertinent pages, etc.)

| · | |
|---|-----|
| | |
| | |
| | |
| | |
| | - 1 |
| | |
| | |
| | - |
| | |

| Examiner: | Date Considered |
|-----------|-----------------|
| | |

| Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION | Docket No. | Serial No. 10/718,240 | | | |
|---|-----------------------------|-----------------------|--|--|--|
| | Applicant POPPLEWELL, et al | | | | |
| | Filing Date 11/20/03 | Group Art Unit | | | |

| Exam'r Init. | Document No. | Date | Name | Class | Sub Class | File Date |
|-----------------|--------------|----------|-------------------|-------|--------------|-----------|
| | 6,248,315 | 6/19/01 | Young, et al | | | |
| | 6,255,367 | 7/3/01 | Bitler, et al | | | |
| | 6,261,483 | 7/17/01 | Frank, et al | | | |
| ï | 6,268,431 | 7/21/01 | Snyder, et al | | | - |
| | 6,297,203 | 10/2/01 | Guskey, et al | | | |
| | 6,297,210 | 10/2/01 | Hsu, et al | | | |
| | 6,329,057 | 12/11/01 | Dungworth, et al | | | |
| | 6,335,315 | 1/1/02 | Trinh, et al | | | |
| | 6,355,234 | 3/12/02 | Birtwistle, et al | | | |

| Exam'r Init. | Document No. | Date | Country | Class | Sub Class | Translate (select one) Yes No |
|-----------------|--------------|------|---------|-------|--------------|-------------------------------------|
| | | | | | -, | |
| | | | | | | |
| | | | | | | |

OTHER REFERENCES (include author, title, date, pertinent pages, etc.)

| | _ |
|--|----------|
| | ٦ |
| | 4 |
| | |
| | 7 |
| | ╝ |
| | |
| | |
| | \dashv |
| | ١ |
| | = |

| Examiner: | Date Considered | ., |
|-----------|-----------------|----|
| | | |
| | I | |

| | | | | Docket No. | | Sh | neet 16 of |
|--|--------------|----------|---------------|-------------|------------|---------|------------|
| Orm PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION | | | IFF-56 | | 10/718,240 | | |
| | | | | Applicant | | | |
| | | | | POPPLEWE | LL, et a | L | |
| | | | | Filing Date | | Group A | Art Unit |
| | | | | 11/20/03 | | 1617 | |
| | | | U.S. PATEN | T DOCUMENTS | | | |
| Exam'r Init. | Document No. | Date | | Name | | | File Date |
| | 6,413,548 | 7/2/02 | Hamer, et al | | | | |
| | 6,436,383 | 8/20/02 | Murray | | | | |
| | 6,451,065 | 9/17/02 | Trinh, et al | | | | |
| | 6,492,462 | 12/10/02 | Bitler, et al | | | | |
| | 6,495,058 | 12/17/02 | Frankenbach, | et al | | | |

Calanchi, et al

Shacknai, et al

Yen, et al

Barr

6,509,034

6,514,487

6,514,489

6,514,504

1/21/03

2/4/03

2/4/03

2/4/03

| Exam'r Init. | Document No. | Date | Country | Class | Sub Class | Translate (select one) Yes No |
|-----------------|--------------|------|---------|-------|--------------|-------------------------------------|
| | | | 1 | | | |
| | | | | U | | |
| | | | | | | |

OTHER REFERENCES (include author, title, date, pertinent pages, etc.)

| | | | |
|-----------|---|-----------------|------|
| Examiner: | | Date Considered | |
| | Ł | | |

| | | | | Docket No. | | Sh | eet 17 of |
|-------------------|-----------------------------------|---------|----------------|-------------|----------|--------------|-----------|
| Form PTO- INFO | 1449 RMATION DISC IN AN APP | IFF-56 | | 10/718,240 | | | |
| | | | | Applicant | | | |
| | | | | POPPLEWEL | L, et al | | |
| | | | | Filing Date | | Group A | Art Unit |
| | | | | 11/20/03 | | 1617 | |
| | | | U.S. PATENT | I DOCUMENTS | | | |
| Exam'r Init. | Document No. | Date | | Name | Class | Sub Class | File Date |
| | 6,514,918 | 2/4/03 | Librizzi | | | | |
| | 6,514,923 | 2/4/03 | Cheung, et al | | | | |
| | 6,517,588 | 2/11/03 | Hopkinson | | | | |
| | 6,521,589 | 2/18/03 | Demeyere, et a | al | | | |

Hart, et al

Schmenger, et al

Mougin, et al

Janchitraponvej

Ryan, et al

6,524,494

6,528,046

6,531,113

6,531,437

6,540,989

2/25/03

3/4/03

3/11/03

3/11/03

4/1/03

| Exam'r Init. | Document No. | Date | Country | Class | Sub Class | Translate (select one) Yes No |
|-----------------|--------------|------|---------|-------|--------------|-------------------------------------|
| | | | | | | |
| | | | | | | |
| | | | | | | |

OTHER REFERENCES (include author, title, date, pertinent pages, etc.)

| 2-43 | |
|------|--|
| | |

| Examiner: | Date Considered |
|-----------|-----------------|
| | |

| | | | | | | Sh | eet 18 of |
|--|--------------|---------|---------------|--------------|-----------|--------------|---------------------------------------|
| Form PTO- | 1449 | | | Docket No. | | Serial | No. |
| FORTH PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION | | | IFF-56 | | 10/7 | 10/718,240 | |
| | | | | Applicant | | | · · · · · · · · · · · · · · · · · · · |
| | | | | POPPLEWEI | LL, et al | L | |
| | | | | Filing Date | | Group A | Art Unit |
| | | | | 11/20/03 | | 1617 | |
| | | | U.S. PATEN | IT DOCUMENTS | | · | |
| Exam'r Init. | Document No. | Date | | Name | | Sub Class | File Date |
| - | 6,544,535 | 4/8/03 | Sakurai, et a | 1 | | | |
| | 6,551,604 | 4/22/03 | Beck, et al | | | | |
| | 6,555,098 | 4/29/03 | Murphy, et al | | | | |
| | 6,569,826 | 5/27/03 | Chiaradonna, | et al | | | |
| | 6,592,813 | 7/15/03 | Fox, et al | | | | |
| | 6,620,777 | 9/16/03 | Heibel, et al | | | | |
| | 2002/0016269 | 2/7/02 | Noda, et al | | | | 7.00 |

Trinh, et al

Santos, et al

2003/0005522

2003/0013632

1/9/03

1/16/03

| Exam'r Init. | Document No. | Date | Country | Class | Sub Class | Translate (select one) Yes No | |
|-----------------|--------------|------|---------|-------|--------------|-------------------------------------|--|
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

OTHER REFERENCES (include author, title, date, pertinent pages, etc.)

| | |
|------|--|
| | |
| | |
| | |

| Examiner: | Date Considered |
|-----------|-----------------|
| | |
| | |

| Form PTO- | 1449 PRMATION DISC IN AN APP | TATION | Docket No. | | Serial | eet 19 of 2 No. 18,240 | |
|-----------------|------------------------------------|----------|----------------|-----------------------------|--------|------------------------------|-----------|
| | | | | Applicant POPPLEWELL, et al | | | |
| | | | | Filing Date | · | Group A | rt Unit |
| | | | | 11/20/03 | | 1617 | |
| | | | U.S. PATENT | DOCUMENTS | | | |
| Exam'r Init. | Document No. | Date | | Name | Class | Sub Class | File Date |
| | 2003/0069164 | 4/10/03 | Levinson | | | | |
| | 2003/0092600 | 5/15/03 | Shepherd, Jr. | " | | | |
| | 2003/0125222 | 7/3/03 | Jahns, et al | | | | |
| | 2003/0158072 | 8/21/03 | Goodson, et al | | | | |
| | 2003/0171246 | 9/11/03 | Boeckh, et al | | | | |
| | 2003/0199412 | 10/23/03 | Gupta, et al | | | | |

Popplewell, et al

Popplewell, et al

Bennett, et al

2004/0071742

2004/0071746

2004/0072719

4/15/04

4/15/04

4/15/04

| Exam'r Init. | Document No. | Date | Country | Class | Sub Class | Translate (select one) Yes No |
|-----------------|--------------|------|---------|-------|--------------|-------------------------------------|
| | | | | | | |
| | | | | | | |
| | | | | | | |

OTHER REFERENCES (include author, title, date, pertinent pages, etc.)

| Examiner: | Date Considered |
|-----------|-----------------|
| | |
| | |
| | <u> </u> |

| , , , , | | | | Docket No. | | Sh Serial | eet 20 of 2 |
|-----------------|---------------------------|---------|---------------|-------------|----------|----------------|-------------|
| INFO | RMATION DISC IN AN APP | | ITATION | IFF-56 | | 10/71 | 18,3240 |
| | | | | Applicant | | | |
| | | | | POPPLEWEI | L, et al | L | |
| | | | | Filing Date | | Group Art Unit | |
| | | | | 11/20/03 | | 1617 | |
| | | | U.S. PATEN | r documents | | | |
| Exam'r Init. | Document No. | Date | | Name | Class | Sub Class | File Date |
| | 2004/0072720 | 4/15/04 | Brain, et al | | | | |
| | Serial No. 10/718,368 | | Popplewell, e | al (IFF-43) | | | 11/20/03 |
| | Serial No. 10/718,239 | | Parekh, et al | (IFF-70) | | | 11/20/03 |

Parekh, et al (IFF-71)

Serial No. 10/706,888

11/13/03

| Exam'r Init. | Document No. | Date | Country | Class | Sub Class | Trans (select Yes | |
|-----------------|--------------|------|---------|-------|--------------|-------------------------|--|
| | | | | | | | |
| | | | | | | V- a | |
| | | | | | | | |

OTHER REFERENCES (include author, title, date, pertinent pages, etc.)

| Examiner: | Date Considered |
|-----------|-----------------|
| | |
| | |